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Cc: Zawlocki, Chris[Zawlocki.Chris@epa.gov]
From: Caporale, Cynthia
Sent: Tue 1/14/2014 11:12:48 PM
Subject: FW: HOTSITE REPORT: Update - Freedom Industries, Charleston, WV

WV Spill Information – sharing information and not a request for support at this time.

Below are highlights from today's hotsite report generated by our regional office concerning the WV Spill. Our region has not been asked to provide any sampling or analytical support at this time. R3 Lab has been preparing for analysis (obtaining standard for MCHM, evaluating methods, etc.) but at this time we don't anticipate being asked for support. ERT and ERLN were notified. Last week, EPA was asked to provide some air monitoring but nothing extensive.

Cindy

Region 3's Water Division reported that as of this morning customers in the four pressure zones of the water distribution system in immediate Charleston area and two additional zones just beyond were asked to flush their premise plumbing according to explicit instructions posted on the WVAVC website. (See <http://www.amwater.com/wvaw/about-us/news.html>). More information is as follows:

- Sampling in the distribution system continues, moving outward into the distribution system, with samples being sent to multiple labs. At this time, nine GC/MS units are being employed to process the hundreds of samples in play. As the sample results from pressure zones show concentrations of MCHM less than 1 ppm, these zones are "cleared" for unrestricted use by customers (after customers follow instructions for flushing their premise plumbing).
- ORSANCO (Ohio River sanitation Commission) has been monitoring water concentrations to determine persistence of the MCHM plume in the Elk-Kanawha-Ohio drainage. We do not yet have access to hard data, although we understand that concentrations below the confluence of the Kanawha and Ohio are all < 0.5 ppm. ORSANCO has also used river modeling to forecast arrival time of any residual plume at locations downstream. (See <http://www.orsanco.org/february-2013-technical-and-commission-meetings/347-new-how-will-the-elk-river-spill-affect-the-cincinnati-area>)

- US Fish and Wildlife Service has sought information from WV American on their discharges from flushing, presumably because of Threatened and Endangered species concerns. We understand from WV DHHR that WVAMC is dechlorinated any water flushed out of their system.

- We understand that Senator Rockefeller has made a request to both EPA and ATSDR/CDC to conduct a joint study of the long-term public health effects of MCHM. (see attached)

The facility is continuing a river sampling program with analytical results expected by tomorrow. There are no reports of any fish kill or significant issues with aquatic life in the Elk River.

WVDEP and USCG agreed to remove the hard boom that extends across the entire river, and the boom located outside the water intake at the WVAWC. However, hard boom with interior absorbent boom will remain along the shoreline adjacent to the facility.